



MEMORANDUM

TO: MAYOR AND MEMBERS OF TOWN COUNCIL
FROM: BOB FLETCHER, ATM ENGINEERING
SUBJECT: ENGINEERING UPDATE
DATE: DECEMBER 14, 2010
CC: ANTHONY W. BARRETT, TOWN MANAGER

Facilities/Asset Management Update:

- Successfully completed Weekend of Lights events
 - Town Tree Lighting Ceremony - Friday
 - Town Christmas Parade - Saturday
 - Buckwalter Tree Lighting Ceremony – Sunday
- Completed installing holiday decorations around Town
- Completed demolition of old Building & Grounds Facility
- Awarded demolition contract for two additional Old Town properties
- Completed initial MOU with Self Help for alternative SC 46 location
- Assisted in developing Tree Ordinance for Council's consideration
- Conducted a battery recycling event at the November 18th Farmer's Market

Engineering Update:

- Awarded for CDBG Renaissance Grant, \$500K for BIS sidewalks, lights, sewer and water
- Fletcher & Ayers completed cost-sharing MOU with Core National for Tech Park site
- Fletcher, Ayers, Bullman, and Jarrett met with BJWSA to finalize MOU for capacity fee credits that can be utilized for residents, non-profit organizations, economic development, or other appropriate uses
- Fletcher & Ayers assisted Growth Management in Section 319 Pilot Project including Beaufort County meeting and contract work
- Jarrett successfully interceded with SCDOT on resident-requested crosswalk at Buck Island Road and New Mustang Drive intersection by Bluffton Middle School
- Engineering & Growth Management teams are cooperating on tasks related to the Buckwalter Place Tech Park MCIP infrastructure and economic development support activities

- Wharf Street construction and landscaping completed. A ribbon cutting ceremony is scheduled for December 13th
- New River Trail construction is complete and project has been inspected and approved by SCPRT grant administrator. A ribbon cutting ceremony is scheduled for December 6th

CIP UPDATE:

Old Town Improvements

May River Road/Bruin Road Streetscape: Construction Phase

- Final negotiations nearing completion on grant participation agreement with SCDOT
- Lighting plan finally approved by SCDOT Traffic Engineering
- Revised landscape and lighting plan near completion

Wayfinding Signage: Design Phase

- SCDOT encroachment permit application submitted
- Kiosk graphic design work commenced
- Final graphic design details due December 17

Town Facilities

Law Enforcement Center: Construction Phase

- Completed drywall, completed sewer line, hung cell doors, worked on mechanical trades including fire sprinkler, HVAC, electrical, more

Sewer & Water

Buck Island Sewer (Phase 1): Construction Phase

- Water line 100% complete following main line tie-in at Buck Island & Hyon/New Mustang; Working through BJWSA & DHEC approval processes

Buck Island Sewer (Phase 2): Design Phase

- Completed review appraisals and Council approved Just Compensation Resolution; LCOG sent certified offer letters for easements to landowner

Buck Island Sewer (Phase 3): Conceptual Phase

- Obtained sewer pump station data and related information from BJWSA as needed to assess feasibility of alternate sewer routes

Old Town/Maiden Lane Sewer: Design/Construction Phase

Maiden Lane:

- Working to resolve one resident's problems with their existing plumbing connection

Stormwater-Small Projects: Design/On Going Construction Phase

- Delaying next bid package until completing vegetation defoliates

Verdier Cove Drainage Basin: Implementation Phase

- Awaiting meeting with County Engineering to discuss options and path forward

Buckwalter Place Drainage: Design/Engineering

- Working on Tree & Topographical survey with Beaufort County. Hope to be in design phase within 2 weeks

Park Development**Parks & Recreation Improvements:**

- New River Trail signed design complete. Bidding on sign panels delayed, will bid in December
- Other funds on hold, pending restarting DuBois Park Concept Development

Oyster Factory Park: Implementation Phase 1

- Landscaping installed and is being watered by installer through warranty period, ribbon cutting in December
- Completed final walk through with SCDNR for boat ramp
- Completed final walk through with contractor and engineer for project closeout

DuBois Park: Concept Phase

- Abandoned Building & Ground's Facility to be demolished the week of November 29th

Pathways**New River Trail Head: Design Phase**

- Final inspection completed and contract closed out
- Grant final inspection completed, awaiting for final Grant reimbursement

Buckwalter Place Greenway Trail: Design Phase

- Proposal for construction received on November 19th
- Proposals evaluated and recommendation made to award contract
- Should have signed contract in mid December

Buck Island/Simmons ville Pathway: Concept Phase

- Crosswalk at Buck Island and New Mustang Drive approved by SCDOT.
- Waiting on State to release grant award notifications (expected in December per LCOG)

Attachments:

1. Verdier Cove Drainage Basin
2. Transportation Update

Verdier Cove Drainage Basin

12-14-2010

Attachment 1

[illegible]

Lisa Sulka
Mayor

Fred Hamilton Jr.
Mayor Pro Tempore

Anthony Barrett
Town Manager



Council Members
Michael Raymond
Oliver Brown
Allyne Mitchell

Sandra Lunceford
Town Clerk

To: Mayor and Council

From: Karen Jarrett, Transportation Project Manager

Re: Transportation Update

Date: December 6, 2010

Roads:

- May River/Bruin Road Streetscape:
Phase 1: Grass is only remaining punch list item for SCDOT. Working with the contractor to resolve.
Phase 1 Grant: Participation Agreement being reviewed and edited for signature.
Phase 2: CADD files obtained from Phase 1 engineer. Staff to review, get input from other staff members and stakeholders for final scope. RFP for engineering services will be advertised after scoping is finalized.
- SC 46 (Bluffton Road)
Widening: Construction is underway from Bluffton Village to US 278 widening to 4 lanes with median, bike lanes and sidewalk. Completion is scheduled in December, 2010, but delays have pushed the date back. Original subcontractor has been replaced. Some rework has occurred. Contractor is negotiating a schedule extension with SCDOT. Winter paving is an issue. No revised completion date is available to date.
Bluffton Road Diet: Study supporting lane reduction on Bluffton Road from Bluffton Village to 4 way stop reducing lanes to 2 lanes with bike lanes and parking as traffic calming and pedestrian friendly measure nearer Old Town is completed. Study was sent to SCDOT. SCDOT recommended three (3) lane study in addition to previous work. Additional study is underway.
- Simmonsville Road:
Construction is underway from US 278 to Bluffton Parkway widening to 4 lanes with median, bike lanes and sidewalk. Completion is scheduled for December, 2010, but delays in construction have pushed the date back. Original subcontractor has been replaced. Some rework has occurred. Contractor is negotiating a schedule extension

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with SCDOT. Winter paving is an issue. No revised completion date is available to date.

The rest of Simmonsville is being scheduled for overlay and shoulder construction. Construction was awarded to REA Construction. Several roads are included in this overlay contract. Work on other roads has begun. Staff is working with SCDOT and the contractor to schedule the overlay for completion just after major sewer construction is complete on BIS Sewer Phase 2.

- **Burnt Church Road:**
Construction of the section from US 278 to Bluffton Parkway is complete. Burnt Church is being scheduled for overlay and shoulder construction from Bluffton Parkway to Bruin Road. This project was let to REA under the same contract as the Simmonsville Road overlay. Work is likely to be completed this spring.
- **US 278:**
Design is being completed for widening from 4 to 6 lanes from Simmonsville Road to SC 170. Presently, letting is anticipated in January and construction is anticipated to take 2 years.
- **Bluffton Parkway, Phase 5A:**
Design is being revised to terminate at Buckingham Plantation. Funds are less than envisioned, but have been budgeted for the abbreviated section. The contract was awarded to Cleland Construction. Awaiting permitting by US Army Corps of Engineers to begin construction, but utility relocation is already well underway.
- **Bluffton Parkway, Phase 5B:**
Placed on hold indefinitely. It was not a high enough priority to fund. Alternative alignments are being reviewed.
- **Frontage Roads:**
Plantation Park has been awarded and construction is well underway. St Gregory's has been delayed pending litigation generated by Berkeley Hall. The Gatherings frontage road is complete. Other frontage roads were either rejected by residents, are being constructed by private entities or are in Right of Way acquisition.
- **SC 170:**
Original design plans are nearly complete. The Town has requested revisions requiring redesign and approval by SCDOT. Staff is reviewing the 90% plans and is providing comments to Beaufort County and SCDOT no later than December 15 on issues related primarily to pedestrian access. Funding and the consideration of redesign have resulted in delay for these improvements. Staff is also working with developers along the corridor to donate Right-of-Way.
- **Buck Island Road:**
Overlay of Buck Island is complete. The school completed a left turn lane. Old Carolina development has installed a left turn lane at the intersection with Simmonsville.

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SCDOT has added intersection improvements to the Statewide Transportation Improvement Program (STIP) at Buck Island and May River through Lowcountry Council of Governments to their guideshare program. A roundabout is under design. SCDOT has agreed to install a crosswalk on Buck Island at Hyon (New Mustang) at the request of residents and staff.

- Buckwalter Commercial Frontage Road:
Questions were being raised about responsibility for construction and rationale for median closure by owner/developer. Preliminary plans were provided to Town.

Dirt Roads and Beaufort County Transportation Committee

- Ongoing prioritizing of dirt road recommendations for paving. Staff working to evaluate roads and available Right of Way in Buck Island/Simmons ville neighborhood as well as other Town areas.
- Prioritized overlay list adjusted to include all road sections requested. Boundary Street was postponed due to excessive asphalt and need to mill prior to overlay. Staff continues to work with Beaufort County Transportation Committee, SCDOT and Beaufort County staff to determine how best to address issues on Boundary Street and others.

Pathways

- Buck Island:
Sidewalks have been installed by the school south of Hyon (New Mustang). SCDOT requires relocation of the sidewalk to the back of the ROW to provide distance from the roadside ditch. Awaiting school subcontractor to remove and replace this sidewalk.
- Simmons ville:
Sidewalks have been constructed by the school in the vicinity of Hyon (New Mustang).
- Staff is evaluating additional sidewalk installation. Cost and construction coordination are high on the list of considerations as the evaluation proceeds. Staff has been notified by Lowcountry Council of Governments that we have been awarded funding for additional sidewalks along Buck Island and Simmons ville Road. This project should provide continuous pedestrian access from Bluffton Parkway to New Mustang on both Buck Island and Simmons ville Road as well as a pedestrian connection to Wellstone.

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